



2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

T 202.293.7060  
F 202.293.7860

www.sughrue.com

March 18, 2004

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Re: Application of Ryuji IMAI, Masao KURODA and Yasuhiro SUGIMOTO  
INTERMEDIATE BOARD, INTERMEDIATE BOARD WITH A  
SEMICONDUCTOR DEVICE, SUBSTRATE BOARD WITH AN  
INTERMEDIATE BOARD, STRUCTURAL MEMBER INCLUDING A  
SEMICONDUCTOR DEVICE, AN INTERMEDIATE BOARD AND A  
SUBSTRATE BOARD, AND METHOD OF PRODUCING AN  
INTERMEDIATE BOARD

**Assignee: NGK SPARK PLUG CO., LTD.**

Our Ref. Q80544

Dear Sir:

Attached hereto is the application identified above comprising fifty-nine (59) sheets of the specification, including the claims and abstract, six (6) sheets of drawings, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

Total claims	<u>27</u> - 20	=	<u>7</u>	x	\$18.00	=	<u>\$126.00</u>
Independent claims	<u>6</u> - 3	=	<u>3</u>	x	\$86.00	=	<u>\$258.00</u>
Base Fee							<u>\$770.00</u>

<b>TOTAL FILING FEE</b>	<b>\$1154.00</b>
Recordation of Assignment	\$40.00
<b>TOTAL FEE</b>	<b><u>\$1194.00</u></b>

Checks for the statutory filing fee of \$1154.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



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SUGHRUE MION, PLLC

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Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-076535	March 19, 2003
Japan	2003-129127	May 7, 2003
Japan	2004-045495	February 20, 2004

The priority documents will be filed at a later date.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

By: Mark Boland  
Mark Boland  
Registration No. 32,197

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

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23373

CUSTOMER NUMBER